

Equivalent Fractions and Decimals – Questions

Key Stage 2: 2003 Paper B

1.

12

Karen makes a fraction using two number cards.

She says,


'My fraction is equivalent to $\frac{1}{2}$

One of the number cards is 6'



What could Karen's fraction be?

Give both possible answers.

 / or /

12i

12ii

2 marks

Key Stage 2: 2006 Paper A

1.

11

Match each decimal number to its equivalent fraction.

One has been done for you.

0.25 $\frac{3}{4}$

0.4 $\frac{2}{10}$

0.75 $\frac{1}{4}$

0.2 $\frac{2}{5}$

11
1 mark

Key Stage 2: 2009 Paper A

1.

22

Two of the fractions below are **equivalent**.

Circle them.

$\frac{2}{3}$ $\frac{6}{10}$ $\frac{9}{12}$ $\frac{10}{15}$ $\frac{16}{20}$

22
1 mark

1.

23

Write these in order of size, starting with the smallest.

$$\frac{3}{4}$$

0.34

0.7

43%



smallest

23

1 mark

1.

9

Join each fraction to the correct decimal card.

The first one has been done for you.



$$\frac{3}{10}$$

0.03

$$\frac{3}{5}$$

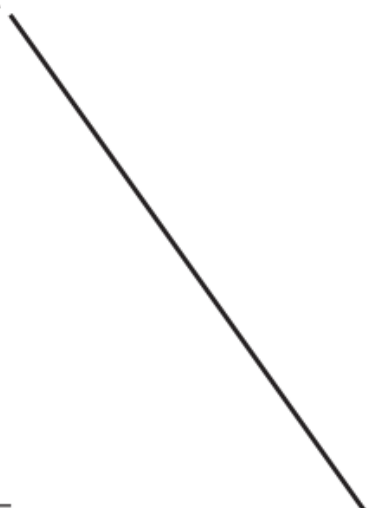
0.06

$$\frac{3}{100}$$

0.3

$$\frac{3}{50}$$

0.6



1.

20

Adam says,

0.25 is **smaller** than $\frac{2}{5}$



Explain why he is correct.

A large, empty, cloud-shaped box with a scalloped border, intended for the student to write their explanation.

1 mark

Key Stage 2: 2017 Paper 3 Reasoning

1.

17

In each box, circle the number that is **greater**.

$1\frac{1}{2}$

1.2

$1\frac{1}{4}$

1.3

$1\frac{5}{100}$

1.4

$1\frac{3}{5}$

1.5

2 marks

Key Stage 2: 2018 Paper 2 Reasoning

1.

7

Tick the **two** numbers that are equivalent to $\frac{1}{4}$

Tick **two**.

0.25

0.75

$\frac{25}{100}$

0.5

$\frac{2}{5}$

1 mark

Key Stage 2: 2019 Paper 2 Reasoning

1.

12

Here are three symbols.

< > =

Write one symbol in each box to make the statements correct.

$\frac{7}{10}$ 0.07

$\frac{23}{1000}$ 0.23

1 mark